PIIN/SPIIN Numbering Analysis

SPS Council Meeting
June 19, 2001

"One Focus, Customer Focus"

Summary

➢ **Scope:** **Reviewed 615 SR Tickets**

➢ **Time Period: October 00 - March 01 (some were as old as 1997)**

➢ **Purpose:** **Determine the magnitude of re-numbering issued due to increased frustration in the field associated with the problems of the v4.1e upgrade and the JRB memo to eliminate scripts that renumber released documents.**

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Frustration Factors

➢ **4.1e vanilla wiped out the PIIN Table. This affected 5 Navy sites: N62477, N44255A, N00025, N62472A, N63394**

    ➢ A script was provided to these sites to rebuild the PIIN Table. Then SR02 and SR03 could be applied to their databases.

    ➢ These sites were also supposed to run another script to remove dashes prior to applying SR02 & SR03

➢ **Several Army sites (18) also had PIIN table problems because the upgrade did consider that the Terminal Server environment did not have a C: drive.**

    ➢ A script was provided to these sites as well.

➢ **Confusion surrounding the process for applying SR02 and SR03.**

Frustration Factors

➢ **The release notes for v4.1d described function changes for the PIIN Sequence Counter. This information was not repeated in the v4.1e Release notes and since v4.1d was not deployed to users, most did not read these notes and thus were unaware of the changes.**

➢ **Through version 4.1c users were permitted to use a script to change the PIIN/SPIIN of a document. This script is called Amendfix. It no longer works with v4.1e**

➢ **The JRB issued the policy to stop all renumbering of released documents on 3/16/01.**

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Analysis

- **Grouped tickets according to various categories and action types as well as version.**

- **Versions**
  - **3.5   5**
  - **4.1b   112**
  - **4.1c   218**
  - **4.1e   280**

Analysis

- **Category**
  - **Counter 264**
  - **Migrate 77**
  - **Duplicate   34**
  - **Mod Type   40**
  - **U vs. P   10**
  - **Contract Type   29**
  - **Typos   48**
  - **Dashes 11**
  - **System 66**
  - **Cancel Cancel   15**
  - **Fiscal Year   7**
  - **Appendix G   14**

Analysis

- **Action Type**

- **Mods (unilateral, Bilateral, DO) 395**
- **Awards   142**
- **D.O. 29**
- **BPA 6**
- **SOL 22**
- **RFQ 3**
- **DD350   16**
- **ATTCH   1**
- **PR 1**

Observations

- **Duplicates**
  - **System created duplicates are those situations where PD2 has actually issued 2 identical PIIN/SPIINs within the same database. It does not include O versus 0.**
    - **4.1b - 8**
    - **4.1c - 23**
    - **4.1e - 3**

- **Dashes**
  - **PD2 added extra dashes to the PIIN in v4.1e. *This was corrected with SR03*.**

- **Cancel Cancel**
    - **4.1b - 3**
    - **4.1c - 12**
  - ***Corrected in v4.1e.***

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➢ **Other System Errors**

- ➢ **Different Doc numbers on different pages -** *will be fixed in v4.2*
- ➢ **Double P or A, I.e. PP0001 -** *fixed in v4.1e*
- ➢ **DoDAAN disappears**
- ➢ **Part of the PIIN disappears**
- ➢ **Deadlocks**
- ➢ **OLE error messages**
- ➢ **generation or release problems (network)**
- ➢ **power outages**
- ➢ **orphan data - this is data that is partially in the system and causes the counter to increment ahead instead of rolling back. This can be caused by deadlocks (or other database problems) occurring in the middle of creating a document. There are 2 scripts in ScriptAid that sites can run to delete orphan data (Delete Orphan Document Data and Delete Orphan Line Item Data).**

Observations

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➢ **Issues related to users**

➢ **Draft Mod number versus official mod number**
➢ **Mod type**
➢ **Contract or Solicitation Type**
➢ **Typos**
➢ **Wrong fiscal year**
➢ **Other documents using the same number**
➢ **Appendix G & Counter issues**
➢ **Migrate contracts**

➢ **Incorrect Modification Numbers**
  ➢ **Unilateral**
  ➢ **Bilateral**

Observations

➢ **Unilateral**

➢ **These occurred for many of the reasons earlier (migration and also upgrade to v4.1e) Any site that upgraded to v4.1e vanilla had their PIIN Table erased. This caused many incorrect system generated numbers.** *Since the user cannot see the official mod until it is released, these could be avoided by developing a method for the user to see the number and edit before release*.

➢ **Bilateral**

➢ **At the time of approval, the system asks the user, "do you want to assign an official number", each time the user selects "yes", the number increments by one. So, if there are is more than one approval sheet and all say, "yes", the number keeps increasing. This seems to have caused many numbering problems.** *This could be avoided by only assigning the official number once.*

➢ **V4.1b and v4.1c also ask the question at the time of release. User does not have skipping problems if they answer the question "no".**

Status

- **V4.1e SR04 - Due 6/29/01**
  - **Remove DoD edits from External Awards**
  - **Allow the creation of D.O. and D.O. Mods to external awards issued in previous versions.**

- **JRB has finalized 2 requirements and provided to the PCO for inclusion in PD2.**
  - **RBCY00-23 - Warning before Release**
  - **RBCY01-05 - Assignment of Mod numbers**

- **Scripts to renumber documents for v4.1b and v4.1c**